

IN THE CLAIMS:

1. (Previously Presented) An anchoring element for fixation in a first bone tissue located in the os zygomaticum and in a second bone tissue located in the maxilla, the first and second bone tissues being separated by non-bone tissue, the anchoring element being elongated and comprising an apex and a first fixation portion disposed at the apex, both adapted for fixation in the first bone tissue, a basis, and a second fixation portion disposed at said basis and adapted for fixation in the second bone tissue, and an intermediate portion positionable in the non-bone tissue separating the first and second bone tissues, wherein the second fixation portion has the form of a truncated cone having a smaller basis adjacent to the intermediate portion and a larger basis forming the basis of the anchoring element, and an attachment means intended for a denture or a dental bridge located at the basis of the anchoring element.

2-3. (Cancelled)

4. (Previously Presented) The anchoring element according to claim 1, wherein the first fixation portion has the form of a truncated cone having the smaller basis adjacent to the apex and the larger basis adjacent to the intermediate portion.

5. (Previously Presented) The anchoring element according to claim 1, wherein the first and second fixation portions and the intermediate portion together have the form of a truncated cone having a smaller basis

adjacent to the apex and a larger basis forming the basis of the anchoring element.

6. (Previously Presented) The anchoring element according to claim 1, wherein the first fixation portion is threaded.

7. (Previously Presented) The anchoring element according to claim 1, wherein the second fixation portion is threaded.

8. (Previously Presented) The anchoring element according to claim 7, wherein the second fixation portion comprises at least one recess transverse to the threads and disposed at the intermediate portion, comprising a distinct edge transverse to the threads, which edge provides a groove forming cutting unit.

9. (Previously Presented) The anchoring element according to claim 7, wherein the intermediate portion has a smooth outer surface.

10. (Previously Presented) The anchoring element according to claim 9, wherein the outer surface of the intermediate portion, the surface limited by the valleys of the threads of the threaded first fixation portion, and the surface limited by the valleys of the threads of the threaded second fixation portion are portions of an envelope surface of the same truncated cone.

11. (Currently Amended) AThe dental anchoring member for fixation in the os zygomaticum and in the maxilla, the os zygomaticum and the

maxilla being separated by non-bone tissue, the dental anchoring member being elongated and comprising an apex and a first fixation portion disposed at the apex, both adapted for fixation in the os zygomaticum, and a threaded second fixation portion disposed at the basis of the dental anchoring member and adapted for fixation in the maxilla, and an intermediate portion positionable in the non-bone tissue separating the os zygomaticum and the maxilla, an attachment means intended for a denture or a dental bridge being arranged at the basis of the dental anchoring member, wherein the second fixation portion comprises at least one recess transverse to the threads and disposed at the intermediate portion, comprising a distinct edge transverse to the threads, which edge provides a groove forming cutting unit.

12. (Previously Presented) The dental anchoring member according to claim 11, wherein the second fixation portion has the form of a truncated cone having a smaller basis adjacent to the intermediate portion and a larger basis forming the basis of the dental anchoring member.

13. (Previously Presented) The dental anchoring member according to claim 11, wherein the first fixation portion has the form of a truncated cone having a smaller basis adjacent to the apex and a larger basis adjacent to the intermediate portion.

14. (Previously Presented) The dental anchoring member according to claim 11, wherein the first and second fixation portions and the

intermediate portion together have the form of a truncated cone having the smaller basis adjacent to the apex and the larger basis forming the basis of the dental anchoring member.

15. (Previously Presented) The dental anchoring member according to claim 11, wherein the first fixation portion is threaded.

16. (Previously Presented) The dental anchoring member according to claim 15, wherein the intermediate portion has a smooth outer surface.

17. (Previously Presented) The dental anchoring member according to claim 16, wherein the outer surface of the intermediate portion, the surface limited by the valleys of the threads of the threaded first fixation portion, and the surface limited by the valleys of the threads of the threaded second fixation portion are portions of an envelope surface of the same truncated cone.

18. (Previously Presented) A dental anchoring unit for fixation in the os zygomaticum, the dental anchoring unit being elongated and comprising an apex and a fixation portion disposed at the apex, both adapted for fixation in the os zygomaticum, a basis, and an end portion disposed between the fixation portion and said basis, the end portion being positionable in non-bone tissue between the os zygomaticum and the original position of the maxilla, and an attachment means intended for a denture or a dental bridge being arranged at the basis of the dental anchoring unit, wherein the fixation portion has the form of a truncated

cone having a smaller basis adjacent to the apex and a larger basis adjacent to the end portion.

19. (Previously Presented) The dental anchoring unit according to claim 18, wherein the attachment means comprises an attachment hole and at least one contact surface for the denture or the dental bridge, and the attachment hole is arranged at an angle to the longitudinal axis of the dental anchoring unit.

20. (Previously Presented) The dental anchoring unit according to claim 18, wherein the fixation portion and the end portion together have the form of a truncated cone having the smaller basis adjacent to the apex and the larger basis forming the basis of the dental anchoring unit.

21. (Previously Presented) The dental anchoring unit according to claim 18, wherein the fixation portion is threaded.

22. (Previously Presented) The dental anchoring unit according to claim 21, wherein the end portion has a smooth outer surface.

23. (Previously Presented) The dental anchoring unit according to claim 22, wherein the outer surface of the end portion and the surface limited by the valleys of the threads of the threaded fixation portions of an envelope surface of the same truncated cone.